EXHIBIT 16

	Fwd: Re: Engineer III
From:	mgaskins1 (mgaskins1@gmail.com)
To:	mcgaskins@yahoo.com;
Date:	Saturday, August 26, 2017 6:27 PM

Sent from my T-Mobile 4G LTE Device

----- Original message -----

From: Marcus Gaskins <mgaskins1@gmail.com>

Date:08/08/2016 1:36 PM (GMT-05:00) —

To: Dana Wootton <ipwoot22@aacounty.org>

Cc: Marcus Gaskins <mcgaskins@yahoo.com>

Subject: Re: Engineer III

Hello Ms. Wootton,

Yes, I am currently a consultant at the Maryland Transportation Authority under MDOT. Please see my updated resume and supportive documentations.

Thanks a lot,

Marcus Gaskins (240) 210-3644 (cell phone) (202) 630-7837 (google voicemail)

On Mon, Aug 8, 2016 at 1:10 PM, Dana Wootton < ipwoot22@aacounty.org > wrote: Hello Mr. Gaskins,

The Assistant Director is looking into your request and hopes to have an answer for you soon. Are you still employed with the Maryland Department of Transportation? Thanks.

Dana

Attachments

- Resume--Marcus Gaskins_8-8-2016.docx (24.14KB)
- Certificates Combined.pdf (1.01MB)
- Marcus Gaskins Additional Mid-Atlantic Certifications pdf (30.04KB)

- Marcus C Gaskins Master of Engineering Degree HU.pdf (250.55KB)
- Marcus C Gaskins BS in Civil Engineering Degree MSU.pdf (414.58KB)
 Howard and Morgan Transcripts.pdf (520.89KB)

PO Box 2644, NE Washington, DC

(202) 630-7837 mcgaskins@yahoo.com

Education:

- Howard University and Morgan State University, 08/2011-05/2014
 Cumulative GPA, 3.65-- Master of Engineering—Civil & Environmental Engineering, Major: Water Resources, Minor: Statistics—Honors: Magna Cum Laude; Courses include Environmental Impact Assessment, Project Management, Advanced Statistics I and II, Urban Stormwater Management, Advanced Hydrology, Risk Assessment and Analysis, Advanced Structural Dynamics, Advanced Engineering Mathematics, Hydraulic Project Research, and Risk Assessment and Analysis
- Morgan State University, 12/2010
 Cumulative GPA, 3.11--Bachelor of Science in Civil Engineering—Graduated in June 2011—Undergraduate coursework completed on December 15, 2010

Professional Experience:

- Stantec, May 2016-Present
 - Engineering Project Specialist in Environmental Services—Work includes multiple Letter of Map Revision and Conditional Letter of Map Revision case reviews for FEMA National Flood Insurance Program, to include entire projects of traffic plans, site plans, culvert analyses, hydraulics and hydrology reviews, and work with Maryland Transportation Authority as an Environmental Engineer consultant who completed two Stormwater Pollution Prevention Plans and has been conducting Stormwater Monitoring with sampling.
- KCI Technologies, Inc./State Highway Administration, January 2016-April 2016
 Transportation Engineer/Senior Construction Inspector 4 in Construction Management. District 5—In this position. I acquired 7 certifications: MDE Yellow Card (SHA Erosion & Sediment Control Certification), MDE Responsible Personnel Card (Green Card), Temporary Traffic Control Traffic Manager (MOT), the MARTCP Soils and Aggregates Compaction, and the MARTCP Hot-Mix Asphalt, OSHA Confined Space, OSHA Fall Protection, and OSHA 10/30. The position required Construction Management over SHA Construction Projects, which included Safety, Stormwater Management BMP Construction, E&S, Geometric Improvements, Full Signal Reconstruction, Concrete and Asphalt Sampling, and Inspections
- State Highway Administration, April 2015-January 2016
 Transportation Engineer Project Manager work in Office of Traffic and Safety's Traffic Engineering
 Design Division—In this position, I completed the SHA two part Stormwater Management and Erosion &
 Sediment Control Design Process Certificate Training among many others. This position required me
 attend Preliminary Investigation Meetings, Quarter-Final Review Meetings, Semi-Final Review Meetings,
 Final Review Meetings, Utility Coordination Meetings, Construction Stake-Out Meetings, as well as
 review full sets of plans (Roadway Plans, Signing and Marking Plans, Overhead Sign Structure Plans,
 Lighting Plans, and all Signal Plans) to provide typed up comments as well as mark-ups of the comments to
 formulate PS&E Packages for approval in the Office of Traffic & Safety. I was also required to design all
 of the above mentions plans and complete PS&E packages.
- Department of Energy Federal Energy Regulatory Commission, August 2011-May 2014 Civil Engineer Trainee/Project Manager in the Office of Energy Projects Division on Hydropower Administration and Compliance —The type of work that I did consisted of: hydropower project reviews of licenses, exemptions, and preliminary permits, engineering drawing reviews (project boundaries, structures, and descriptions), multiple database reviews and updates, mining claim reviews for the Bureau of Land Management Agency (DOI), recreational facilities exemptions and reviews, land-use and occupancy article reviews, license exemption reviews, aperture card and electronic filing format reviews, fish passage facility reviews, &d minimum flow deviation reviews.
- Geo-Technology Associates, June 2011-August 2011
 Field Engineer—This position required the Portable Gage Safety Training and was in the Geotechnical
 Field Engineering discipline, which required the supervision of construction workers in the field,
 observation, field tests, and management of multiple projects. Construction work consisted of conducting
 Field Geotechnical Proctor test for moisture content in materials to be used in the compaction of material
 over top of various storm drain pipes, water pipes, and sewer pipes. Once the proper materials were told to

use, the Portable Gauge was required to test compaction of the soil. At the end of the day, a report on the progress of the project was fundamental to ensuring the project is on schedule.

- University of Maryland College Park, January 2011-June 2011
 HVAC Mechanic--\$1,600.00 per month-- EPA HVAC Technician Universal on the job training where we needed to know how to use the equipment necessary to fix all of the equipment involved with the position.
- Morgan State University, May 2010-January 2011
 Civil Engineering Department Office Assistant to the Chairperson and Administrative Assistant--Organized the Civil Engineering office's files and procurement process
- Howard University Army Training, January 2009-May 2010
 ROTC Cadet--\$1,200.00 Training---Leadership Training Course, Fort Knox, KY, Trained and Graduated as Honor Platoon with Land Navigation Awards
- Walter Reed Army Medical Center, August 2008-January 2009
 Defense Travel System Supervisor--\$50,000.00 per year—Department of Resource Management—Implemented the Defense Travel System & assisted to administer the Defense Travel System
 - Land & Compass, Inc., May 2006-August 2008

 Engineering and Survey Tech II—Work included surveying and engineering work in the office and in the field. As an Instrument Operator in the field, I was training to become a Surveyor Field Crew Manager with a field book, a data collector, a total station and GPS equipment. I installed property corners, control points, and located of features on and off the roadway. In the office: I researched land records for all of the counties in MD electronically and obtained county records, utility company documents, and learned how to use the indlandred.com system with plats.com, and any other platforms. I was promoted then and processed feasibility studies, worked on deed mosaics and plats with AutoCAD, reviewed site plans and storm drain concepts
- University of Maryland College Park Shuttle UM, March 2005-May 2006
 Shuttle Bus Driver--\$1,800 per month--CDL Class B Bus Driver with Shuttle UM. 2005-2006
- University of Maryland College Park Office of the Registrar, August 2004-March 2005
 Registrar Office Assistant—\$1,040.00 per month—Assistant to the Manager of Special Programs. We implemented a faster way to do the technical office work.
- Math-Summer Prog. in Research & Learning (SPIRAL) Internship, May2004-August 2004
 Summer SPIRAL Student Intern—At the University of Maryland College Park, we researched mathematics problems, and implemented the math with graduating seniors. This was considered an upper level math class, MATH 498G, Mathematics through Games
- Bowie State University Model Institute for Excellence (MIE). Science, Engineering, and Mathematics (SEM) Fellowship Program, August 2003-May 2004
 Fellowship Program Participant--\$625.00 per month—Work included the analysis of research, the development of data through integration from AutoCAD to ArcGIS, Assisted NOAA CREST Group Project with Satellite Based Fire Risk Prediction, Trained with the Moderate Resolution Imaging Spectroradiometer (MODIS)
- Steve Gaskins Associates, January 1999-August 2003

 Journey Engineer—Positions included equipment specialist (instruments, targets, tripods, brush hooks, stakes, rebars, PK nails, machete's, bug spray, field books, data collector, manhole openers, shovels, etc.) and equipment accountability, Rod Man (cut line and aid the instrument operator with survey equipment set-up, using targets, tripods, and a rod), use of levels, a plumb bob, and a level instrument was fundamental for Boundary Surveys, Topographic Surveys, location for septic tanks, utility location surveys, property corner location surveys, benchmark locations, utility relocation, construction, CADD design

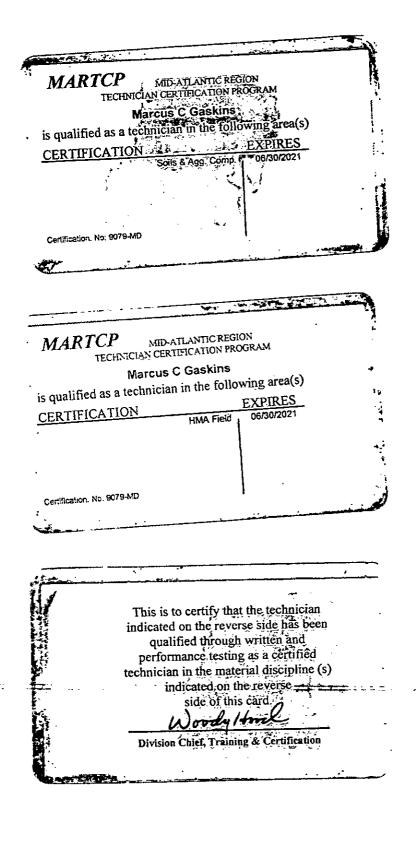
Technical Experience/Skills:

- Watershed Modeling System/ HEC Series/TR-55
- Technical/Report Writing, and Delivering Effective Presentations
- Matlab, C++/Java Programming, and ArcGIS (Geographic Information Systems)
- AutoCAD (Computer Aid Design), Microstation, and StaadPro (Structural Design Program)

Awards:

- Dean's List, 2003
- Honors Program, 2003 2004
- Academic Achievement Award, 2010

Golden Key Honors Program Participant



Maryland Transportation Builders' and Materials Association

2408 Pepper Mill Drive Suite F Glen Burnie, MD 21061 410-760-9505 (p) 410-760-6769 (f) www.mdhighways.org

Memorandum

Monday, April 25, 2016

To:

Marcus Gaskins

KCI Technologies, Inc. 936 Ridgebrook Road Sparks MD 21152

Subject:

Online Yellow Card Certification

From:

Amanda Mangum

MTBMA

We are pleased to inform you that you have successfully completed the Online Yellow Card Certification. Enclosed is your Maryland State Highway Administration's Erosion & Sediment Control Certification card which will expire on 04/14/2019. If you have any questions concerning your test, please contact me at 410-760-9505.

We hope the information acquired from this course was interesting and will be beneficial to you in your job.

Please cut out the card below and keep it with you at all times. This Card is proof of your successful completion of this course:



EROSION AND SEDIMENT CONTROL CERTIFICATION

Marcus Gaskins

This certifies that the above named person has successfully completed the Administration's Erosion and Sediment Control Certification Program.

<u>16-181</u>

Certification Number

4/14/2019

Expiration Date

TRAINING ONLINE



HAZMAT

Nuclear Gauge Certification

This certifies that

Marcus Gaskins

IATA 1.5.2. This certificate expires three years from the training date shown below. hazardous material requirements for general awareness/familiarization, has been trained and tested in accordance with the U.S. Department of function-specific, saਵਿਵੇਲ, and security awareness training as related to the transportation of nuclear gauges per 49 CFR 172 subpart H and fransportation and International Air Transport Association

March 21, 2016

ate

Training materials available from: Nuclear Gauge Training Online PO BOX 6044 Raleigh, NC 27628-6044

Emanuelly and British and Brit

icate of Completion



360training.ಾಗ

Chis Certifies Chat

Marcus Gaskins

is awarded this certificate for

OSHA 10 Hour Outreach Training Program - Construction

CEUs for this program 360training.com, Inc. is authorized by IACET to offer 1.0

Credit Hours: 10.00

Completion Date: 04/06/2016



Marie Athey, Trainer C 0026383 and G 0034871

Mora Clythey

Outreach Training Program require ments. I will document this class to my authorizing OSHA training organization. Upon successful "As an OSHA authorized trainet, I verify that I have conducted this OSHA outreach training class in accordance with OSHA review of my documentation|| will provide each student their completion card within 90 days of the end of the class." 360training.com, Inc. is acredited by the International Association for Continuing Education and Training (IACET) and is authorized to issue the IACET CEU.

360training.com ◆ 1380¶ Burnet Rd., Suite 100 ◆ Austin, TX 78727 ◆ 888-360-TRNG ◆ www.360training.com

This is to certify that

Marcus Gaskins

has completed

Fall Protection in Construction

Completion Date 03/27/2016

Course Duration 1.0

360training.com

360training.com + 13801 Burnet Rd., Suite 100 + Austin, TX 78727 + 800-442-1149 + www.360trainingsupport.com

This is to certify that

Marcus Gaskins

has completed

Confined Space Entry (C)

Completion Date 03/22/2016

Course Duration 1.0

360training

360training.com ◆ 13801 Burnet Rd., Suite 100 ◆ Austin, TX 78727 ◆ 800-442-1149 ◆ www.360trainingsupport.com

Practical Skills Instruction for Nuclear Gauge Operators

In addition to completing the online training course in radiation safety and regulatory knowledge requirements, an individual must also receive hands-on training in the practical skills shown below in order to become certified as an authorized gauge operator. The hands-on training should be provided by the licensee's RSO or a certified gauge operator.

Setting up and making measurements

- Prepare site for direct transmission measurement and position gauge over hole
- · Prepare backscatter measurement site and position the handle in the backscatter notch
- Unlock handle and lower source rod
- Maintain constant surveillance and control during gauge operations
- · Return source rod to safe position and lock handle
- Verify shutter fully closed

Routine maintenance

- Dissemble stiding block
- Clean and lubricate of the sliding block using proper ALARA techniques to minimize radiation exposure
- Reassemble sliding block
- · Clean the bottom surface of the gauge

Packaging and transporting the gauge

- · Put gauge in shipping case
- · Inspect shipping case
- Load shipping case in vehicle
- Secure the gauge using two independent physical controls
- Block and brace package against movement during transport
- Place shipping papers in designated location in vehicle

Storing the gauge

- Log the gauge in and out
- Secure the gauge storage area

i rainee:	AA C	
Name (print)	MARCUS GASKINS) ,
Signature	Marco C. Sashins	Date 3/23/16
Trained by RS	O or certified operator:	
Name (print)	ADMON GARDING	
Signature	ble Along	Date 3/13/14
Certified by lic		
Name (print	Brianne Drankiewicz 150	1
Signature	Boranciewily	Date 3/23/16
	, , , , , , , , , , , , , , , , , , ,	ſ

NUCLEAR GAUGE TRAINING ONLINE



Nuclear Gauge Certification

This certifies that

Marcus Gaskins

has successfully completed training on radiation safety and regulatory requirements for portable nuclear gauges on this date.

March 21, 2016

date

This training is not valid until signed by the Ikcensee RSO.

i attest that the person named above, and no other, has completed the online course and tests. I certify that the individual has completed practical skills training for setting up and making measurements, routine maintenance, package and transport, storage, and emergency procedures for nuclear gauges. Branke Wan

Nuclear Gaege Training Online PO BOX 6044 Raleigh, NC 27628-6044 (866) 217-2658

and their supplier entition Builtities than a such is a second supplier

व्यक्ति विद्युत्तनस्ताति विकार श्रिका क्षेत्रसम्बद्धाः (१४०) १ १०६ १९७० व्यक्तिस्तातिककृतः सर्व १९७१ विद्युक्त क्ष्री १९५५ व्यक्ति स्थ

Commence There .

to be some now a De to

SHOP IN THE SHIP

F & Bulgaran at there

Same a star

Military The Martin Control Treffile Manager The Call Control

Single State auf bei beitiggeben.

E N 45

I will a server the server of the particular server states are established the server of the server

This Land k ' - " that You have Passed this Course."
Please Coronal Coop With You at All Times:

२० । केन्द्र - प्रान्ताकसम्बद्धाताः १ - १ - १०० ०० ०० - १० ७ ०० व्यक्तिसीवस

e er i Mei gjark.

THE HER LIGHT - I

The section of the se

ENERGE

Market e.d. Market e.d.



CERTIFICATE OF COMPLETION

This is to certify that

Marcus Gaskins

Participated in

STORMWATER MANAGEMENT AND EROSION SEDIMENT

CONTROL DESIGNER WORKSHOP

July 16, 2015

Baltimore, Maryland

Given by the Maryland State Highway Administration's Office of Highway Development

credits are taken for Professional Engineer License renewal, the licensee is responsible for maintaining records including the assessment form. An attendee is eligible to earn 3.5 Professional Development Hours (PDHs) for attendance and successful completion of this course. If PDH



CERTIFICATE OF COMPLETION

This is to certify that

Marcus Gaskins

Participated in

STORMWATER MANAGEMENT AND EROSION SEDIMENT CONTROL REVIEW AND APPROVAL PROCESS

July 16, 2015

Baltimore, Maryland

Given by the Maryland State Highway Administration's Office of Highway Development

credits are taken for Professional Engineer License renewal, the licensee is responsible for maintaining records including the assessment form. An attendee is eligible to earn 3.5 Professional Development Hours (PDHs) for attendance and successful completion of this course. If PDH

Howard University Transcript Data

College:
Major and Department
Awarded: Master of Engineering Major:

Graduate School

Civil Engineering, Civil Engineering

DEGREES AWARDED

May 10, 2014

ıg Degree Date:

	Major:		Civil Engineering			, =01	•			
		T	TRANSFER CREDIT		TITUT	ION	-Top-			
	: Morgan State Unive	rsity								
Subject	t Course			Title			Grade	Credit Hours	Quality	Points
CHEG	504	Ad	lv Math for Chemical	Engineer			T	3.000	0.00	Toblis
CIEG	536	Dy	namics of Structures				T	3.000	0.00	
			Attempt Hours	Passed Hours			Earned Hours	GPA Hours	Quality Points	
	Current Term:	6.0	0.000				6.000	0.000	0.00	0.00
				Term: Spring 2012				•		5.00
Subject	Course	Campus Lev	vel	Title			Grade	Credit Hours	Qua Poi	
CIEG	556	Main GR	Hydraulic Project	Research			A	3.000	12.00	
CUMD	201	Main GR	ENCE 620 Risk A	nal for Engr			В	3.000	9.00	
			Te	rm Totals (Graduate)					3.00	
			Attempt Hours	Passed Hours		Ea	med Hours	GPA Hours	Quality Points	GPA
	Current Term:	(6.000 6.000			6.000		6.000	21.00	3.50
	Cumulative:	•	6.000 6.000			6.000		6.000	21.00	3.50
			T	erm: Summer 2012						
Subject	Course	Campus Lev	rel 7	Title	Grade	Cr	edit Hours	Quality Points		
SOCI	219	Main GR	Advanced Statistic	s I	A	3.000		12.00		
			Te	rm Totals (Graduate)						
			pt Hours	Passed Hours		Ea	rned Hours	GPA Hours	Quality Points	GPA
	Current Term:	3.000	3.000			3.000		3.000	12.00	4.00
	Cumulative:	9.000	9.000			9.000		9.000	33.00	3.67
				Term: Fall 2012						
Subject	Course	Campus Leve		Title		Grade	Credit Hours	Quality Points		
CIEG	557	Main GR	Advanced Hydrolo	gy		Α	3.000	12.00		
			Ter	m Totals (Graduate)				•		
			tempt Hours	Passed Hours		Ear Ho		GPA Hours	Quality Points	GPA .
	Current Term:	3.00	2,000			3.000	3.000	o —	12.00	4.00
	Cumulative:	12,0				12.000	12.00	00	45.00	_3.75
			7	Term: Spring 2013						
Subject	Course	Campus Leve		Title			Grade	Credit Hours	Quality Points	
	303	Main GR	Academic Comm (Grad Only)			P 1.0	00	0.00	
	551	Main GR	Graduate Seminar				B 1.0	00	3.00	
CUMD	200	Main GR	Lithan Stormwater ?	Mamt			C 10	00		

Subject		Course	Campu	s Level	Title	Grade	Credit Hours	Quality Points
ACAD	303		Main	GR	Academic Comm (Grad Only)	P	1.000	0.00
CIEG	551		Main		Graduate Seminar	R	1.000	3.00
CUMD	200		Main	GR	Urban Stormwater Mgmt			
			2120011	Oil	OLDER OTOLINATEL MERIT	C	3.000	6.00

Term Totals (Graduate)

		Attempt Hours		Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term	1:	6.000	5.000		5.000	4.000	9.00	2.25
Cumulative	:	18.000	17.000		17.000	16.000	54.00	3.38
			Tax	F-11 2012				

Term: Fall 2013

Subject		Course	Campu	s Leve	Title	Grade	Credit Hours	Quality Points
CUGW	200		Main	GR	Enviro Impact Assessment	В	3.000	9.00
GIST	509		Main	GR	Project Management	Α	3.000	12.00

Term Totals (Graduate)

Passed Quality Attempt Hours Earned Hours GPA Hours GPA Hours Points

		Current Tern				000		6.000	6.000		6.000	21.00		
		Cumulative	•		24.	.000	Tarring 2014	23.000	23.000		22.000	75.00	3.41	
Cubia		0	~				Term: Spring 2014			Credit	4			
Subjec		Course	Campus	[Leve]			Title		Grade	Hours	Quality Poin	nts		
SOCI	319		Main	GR	Advanc	ed Statis	tics II Term Totals (Graduate	e)	A	3.000	12.00			
		1					Attempt Hours	Passed	Earned		GPA Hours	Qua	lity GPA	
		Current Te	rm:			4.000	•	Hours 3.000	Hours	2 000		Poi	nts	
		Cumulativ				28.000			26.000	3.000 25.000		12.0		
					****					23.000		87.0	00 3.48	
			•				TOTALS (GRADUA		<u>op-</u>					
					Attempt Hours		Passed Hours	Earned Hours	GPA Hour	s (Quality Points	(GPA	
		Total Institution:			28.000	26.000			25.000	87.00		3.48	l.	
		Total Transfer:			6.000	0.000		6.000		0.00		0.00		
		Overall:			34.000	26.000		32.000	25.000	87.00		3.48		
Morgar	n State U	Iniversity Acader	mic Trans	cript					31096 Marc		kins			_
 -	Stud	ent Type:	Mas	ter's				Jun	20, 2014 01	:22 pm				
Master (
	College	: Gradi	uate Studi	es										
	Major	: Engin	neering											
							DEGREES AWARD	ED						
Awarde	*/1*	helor of Degree	e Dec 15,	2010										
	Major:		Engineerin											
	1/14/01.	Civilia	ngineer in	_	RANSFE	R CRET	DIT ACCEPTED BY I	NICTITI IT	10N1 · T-	_				
01/2003	3: BQ\	WIE STATE UN	IVERSIT	Υ	L TOTAL	IC CICLL	MI ACCEPTED BY II	NSTILDI	10N - <u>-10</u>	₽-				
Subjec	f	Course				T-1							Quality	ı,
Subjec		Course				Title	2	Grade	•	Cr	edit Hours		Quality Points	
CEGR	304	Course			g Mecha	nics	2	Grade TR	4.000	Cr	edit Hours			
CEGR CHEM	304 110	Course	Gen	Chem	for Engr	nics Stud		TR TR	4.000 5.000	Cr	edit Hours		Points	
CEGR CHEM CHEM	304 110 112	Course	Gen Gen	Chem Chem	for Engr & Qual	nics Stud Anal - H		TR TR TR	4.000 5.000 4.000	Cr	edit Hours		Points 0.00 0.00 0.00	
CEGR CHEM CHEM COSC	304 110 112 230	Course	Gen Geπ Obj-	Chem Chem Orie P	for Engr & Qual A rogm for	nics Stud Anal - H		TR TR TR TR	4.000 5.000 4.000 4.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00	
CEGR CHEM CHEM	304 110 112	Course	Gen Gen Obj- Fresi	Chem Chem Orie P hman (for Engr & Qual A rogm for Comp.I	nics Stud Anal - Ho Engr		TR TR TR TR TR	4.000 5.000 4.000 4.000 3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00	
CEGR CHEM CHEM COSC ENGL	304 110 112 230 101	Course	Gen Gen Obj- Fresi Fresi	Chem Chem Orie P hman (h Com	for Engr & Qual A rogm for Comp.I position	nics Stud Anal - Ho Engr		TR TR TR TR TR TR	4.000 5.000 4.000 4.000 3.000 3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00	
CEGR CHEM CHEM COSC ENGL ENGL	304 110 112 230 101 102	Course	Gen Gen Obj- Fresi Fresi Tech	Chem Chem Orie P hman (h Com mical V	for Engr & Qual A rogm for Comp.I	nics Stud Anal - Ho Engr		TR TR TR TR TR	4.000 5.000 4.000 4.000 3.000 3.000 3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL	304 110 112 230 101 102 355	Course	Gen Gen Obj- Fresi Fresi Tech Ther	Chem Chem Orie P hman (h Com nical \ modyn	for Engr & Qual A rogm for Comp.I position I	nics Stud Anal - Ho Engr		TR TR TR TR TR TR TR TR	4.000 5.000 4.000 4.000 3.000 3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL ENGL IEGR MATH	304 110 112 230 101 102 355 305 111 141	Course	Gen Gen Obj- Fresi Fresi Tech Then Colle	Chem Chem Orie P hman (h Com anical v modyr cege Ma alculus	for Engr & Qual A rogm for Comp.I position I Writing namics athematic	nics Stud Anal - Ho Engr		TR TR TR TR TR TR TR TR TR	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH	304 110 112 230 101 102 355 305 111 141 241	Course	Gen Gen Obj- Fresi Fresi Tech Ther Colle	Chem Chem Orie P hman (h Com mical V modyr ege Ma alculus ulus I	for Engr & Qual A rogm for Comp.I position Writing namics athematics	nics Stud Anal - Ho Engr		TR	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 3.000 -3.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH	304 110 112 230 101 102 355 305 111 141 241	Course	Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca	Chem Chem Orie P hman (h Com mical v modyn ege Ma alculus ulus I ulus II	for Engr & Qual A rogm for Comp.I position i Writing namics athematics	nics Stud Anal - He Engr	Onors	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 4.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH	304 110 112 230 101 102 355 305 111 141 241	Course	Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca	Chem Chem Orie P hman (h Com mical v modyn ege Ma alculus ulus I ulus II	for Engr & Qual A rogm for Comp.I position Writing namics athematics	nics Stud Anal - He Engr	OROIS	TR	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 4.000 4.000	Cr	edit Hours		Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH	304 110 112 230 101 102 355 305 111 141 241		Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca	Chem Chem Orie P hman (h Com mical V modyn ege Ma alculus ulus I ulus II Educ	for Engr & Qual A rogm for Comp.I position I Writing namics athematics	nics Stud Anal - He Engr	Onors	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 4.000		edit Hours	Quality	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC	304 110 112 230 101 102 355 305 111 141 241	At	Gen Gen Obj- Fresi Fresi Tech Theri Colle Preca Calci Phys	Chem Chem Orie P hman (h Com mical V modyn ege Ma alculus ulus I ulus II Educ	for Engr & Qual A rogm for Comp.I position I Writing namics athematics	nics Stud Anal - Ho Engr II SS S & Eval Sed Hour	Onors Eamed	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 4.000 1.000		edit Hours	Points	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC	304 110 112 230 101 102 355 305 111 141 241 242 148	At	Gen Obj- Fresh Fresh Tech Thern Colle Preca Calci Calci Phys	Chem Chem Orie P hman (h Com mical V modyr ege Ma alculus ulus II ulus II Educ	for Engr & Qual A rogm for Comp.I position Writing namics athematics Concepts Pass 0.000	nics Stud Anal - Ho Engr II SS S & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 4.000 1.000		edit Hours	Points	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC	304 110 112 230 101 102 355 305 111 141 242 148	At m: 45.000 UNIV MARYL	Gen Obj- Fresh Fresh Tech Thern Colle Preca Calci Calci Phys	Chem Chem Orie P hman (h Com mical V modyr ege Ma alculus ulus II ulus II Educ	for Engr & Qual A rogm for Comp.I position Writing namics athematics Concepts Pass 0.000	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 4.000 4.000 4.000 GPA Hour	rs		Points 0.00	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC Cum 08/20	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 004:	At m: 45.000 UNIV MARYL	Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca Calca Phys	Chem Chem Oric P hman G h Com mical V modyn ege Ma alculus I ulus II Educ urs	for Engr & Qual A rogm for Comp.I position i Writing namics athematics Concepts Pass 0.000 E PARK	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 -3.000 4.000 4.000 1.000 GPA Hour	rs	Credit He	Points 0.00 ours	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH MATH PHEC Cum 08/20 Subject	304 110 112 230 101 102 355 305 111 141 242 148	At m: 45.000 UNIV MARYL Intro to Bus (No	Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca Calca Phys ttempt Ho AND COI	Chem Chem Oric P C	for Engr & Qual A rogm for Comp.I position I Writing namics athematics Concepts Pass 0.000 E PARK	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 -3.000 -4.000 4.000 1.000 GPA Hour	rs	Credit He	Points 0.00 ours	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC Cum 08/20 Subject BUAD	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 004: Course	At m: 45.000 UNIV MARYL	Gen Gen Obj- Fresi Fresi Tech Then Colle Preca Calci Calci Phys ttempt Ho AND COI	Chem Chem Oric P hman G h Com unical V modyr ge Ma alculus Ulus II Educ urs LLEGI C) Design	for Engr & Qual A rogm for Comp.I position i Writing namics athematics Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000	Points 0.00 ours	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC Cum 08/20 Subject BUAD CEGR	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 004: Course 200 201	Atm: 45.000 UNIV MARYL. Intro to Bus (Note the Compound of th	Gen Gen Obj- Fresi Fresi Tech Ther Colle Preca Calci Calci Phys ttempt Ho AND COI on Majors led Engr I	Chem Chem Oric P hman (h Com mical V modyr modyr modyr modyr modyr modyr Lulus II Educ LLEGI CLLEGI Color Co	for Engr & Qual A rogm for Comp.I position i Writing namics athematics Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000 3.000	Points 0.00	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH PHEC Cum 08/20 Subject BUAD CEGR CEGR CEGR	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 004: Course 200 201 301	Atm: 45.000 UNIV MARYL. Intro to Bus (Noted Computer Aid Mechanics of Noted Civil Engr Proj	Gen Gen Obj- Fresi Fresi Tech Then Colle Preca Calci Calci Phys ttempt Ho AND COI on Majors led Engr I Materials(I ect Mgmt Engr	Chem Chem Orice P hman G h Com mical V modyr ge Ma alculus II Educ uurs LLEGI Obesign No Lat	for Engr & Qual A rogm for Comp.I position is writing namics athematics. Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 -3.000 -4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000	Points 0.00	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC Curr 08/20 Subject BUAD CEGR CEGR CEGR CEGR	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 204: Course 200 201 301 400 416 211	Atm: 45.000 UNIV MARYL. Intro to Bus (Not Compputer Aid Mechanics of Notice Civil Engr Projutants) Transportation Prin of Econom	Gen Gen Obj- Fresi Fresi Tech Theri Colle Preca Calci Phys ttempt Ho AND COI on Majors led Engr I Materials(I) ect Mgmt Engr lics I (geo	Chem Chem Orice P hman G h Com mical V modyr ge Ma alculus II Educ uurs LLEGI Obesign No Lat	for Engr & Qual A rogm for Comp.I position is writing namics athematics. Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 3.000 3.000 3.000 3.000 4.000 4.000 4.000 GPA Hour	rs	Credit Ho 3.000 3.000 3.000 3.000	Points 0.00	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH MATH MATH COSC Subject BUAD CEGR CEGR CEGR CEGR CEGR CEGR ECON HEED	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 204: Course 200 201 301 400 416 211 100	Atm: 45.000 UNIV MARYL. Intro to Bus (Note the Computer Aid Mechanics of Note the Civil Engr Projutants) Transportation Prin of Econom Healthful Livin	Gen Gen Obj- Fresi Fresi Tech There Colle Preca Calce Phys ttempt Ho AND COI on Majors led Engr I Materials (I ect Mgmt Engr Lics I (geo) g	Chem Chem Oric P C	for Engr & Qual A rogm for Comp.I position is writing namics athematics. Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 -3.000 -4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000 3.000 3.000 3.000 3.000	Points 0.00 Durs	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH PHEC Cum 08/20 Subject BUAD CEGR CEGR CEGR CEGR CEGR CEGR CEGR HEED HIST	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 004: Course 200 201 301 400 416 211 100 101	Atm: 45.000 UNIV MARYL. Intro to Bus (Not Compputer Aid Mechanics of Notivity Engr Proj. Transportation Prin of Econom Healthful Livin World history I	Gen Gen Obj- Fresi Fresi Tech There Colle Preca Calci Calci Phys Itempt Ho AND COI Majors led Engr I Materials(I ect Mgmt Engr lics I (geogg (ccjs100)	Chem Chem Chem Oric P hman G h Com mical V modyr ge Ma alculus ulus II Educ urs LLEGI No Lat	for Engr & Qual A rogm for Comp.I position is writing namics athematics. Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 3.000 4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000 3.000 3.000 3.000 3.000	Points 0.00 Durs	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
CEGR CHEM CHEM COSC ENGL ENGL ENGL IEGR MATH MATH MATH MATH MATH MATH COSC Subject BUAD CEGR CEGR CEGR CEGR CEGR CEGR ECON HEED	304 110 112 230 101 102 355 305 111 141 242 148 rent Terr 204: Course 200 201 301 400 416 211 100	Atm: 45.000 UNIV MARYL. Intro to Bus (Note the Computer Aid Mechanics of Note the Civil Engr Projutants) Transportation Prin of Econom Healthful Livin	Gen Gen Obj- Fresi Fresi Tech There Colle Preca Calci Calci Phys Itempt Ho AND COI Majors led Engr I Materials(I ect Mgmt Engr lics I (geogg (ccjs100)	Chem Chem Chem Oric P hman G h Com mical V modyr ge Ma alculus ulus II Educ urs LLEGI No Lat	for Engr & Qual A rogm for Comp.I position is writing namics athematics. Concepts Pass 0.000 E PARK*	nics Stud Anal - He Engr II S S. & Eval Sed Hour	S Eamed Hours	TR T	4.000 5.000 4.000 4.000 3.000 3.000 3.000 -3.000 -4.000 4.000 1.000 GPA Hour	rs	Credit He 3.000 3.000 3.000 3.000 3.000 3.000 2.000	Points 0.00 Durs	Points 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	

HUMA 201	Tetes to II						4			
` HÚMA 202	Intro to Huma I (arch170)			TR	l		3.000	(00.0	
MATH 331	Intro to Hum II (comm 200)			TR	ł		3.000	(0.00	
	Appl Prob & Statistics			TR	Į.		3.000		0.00	
	Intro to Differential Equation			TR	L		3.000	(0.00	
	Intro to Engineering			TR			1.000		0.00	
PHYS 205	University Physics I (No Lab)			TR	<u>.</u>		3.000		0.00	
PHYS 206	University Physics II			TR	<u> </u>		4.000		0.00	
	Attempt Ho	Ottre	Passed					_		
Community To		Juis	Hours	Earn	ied Hours		GPA:		uality oints	GPA
Current Term	1: 46,000		0.000 4	6.000			0.000			0.000
August 2004: UNIV	MARYLAND COLLEGE PARK*							• • • • • • • • • • • • • • • • • • • •		
Subject Cour	rse	Title		Grade	Credit Hours		Quali	ity Points		
CEGR 105	Intro to Civil Engineering			TR	1.000	0.00				
CEGR 304	Engineering Mechanics			TR	4.000	0.00				
CEGR 314	Structural Analysis I and Lab			TR		0.00				
CEGR 332	Hydraulic Engineering			TR	4.000	0.00				
CEGR 334	Geotech Engr Fund and Lab				3.000	0.00				
IEGR 305	Thermodynamics			TR · TO	4.000	0.00				
-			D 1		3.000	0.00				
	Attempt Ho	urs	Hours	Earned GPA Hours Hour	Quality			GPA		
Current Term:	19.000			19.000 0.000		000				
01 -2 009: UNIV [DISTRICT OF COLUMBIA		0.000	19.000 0.000	7 0.00 0	.000				
Subject Course										
		Title				Grade	Credit Hours	Quality P	oints	
	3509311 Theory of structures					TR 3	.000	0.00		
ELEC 000	3509325 Hydraulics & Hydrology						.000			
ELEC 000	3509331 Prin Geotechn Eng							0.00		
ELEC 000	3509332Prin of Geotech Eng Lab						.000	0.00		
	3509202 Eng Mechanics II						.000	0.00		
	3511208 Thermodynamics						.000	0.00		
	3515486 Estimating						.000	0.00		
	General Psychology						.000	0.00		
					•	TR 3	.000	0.00		
	Attempt Ho	urs		Passed	Hours		Earned Hours	GPA Qua	lity	GPA
Current Term:	22.000		0.000)			22.000	Hours Poi	IIIIS	
		Term: SP	RING 2010				22.000	0.000 0.00	, ,	.000
Colle	ege: School of Engine	ering								
Maj	or: Civil Engineering									
Subject Course	Level	Title		C3	Credi	t i	Quality	Start and	Fnd	
				Grade	Hours		Points	Dates	cua_	-R
	UG INTRODUCTOR		<u>-</u>	<u>.</u>	4.000	16.	00			
		NEERING I AND I	LAB C	;	4.000	8.0				_
	UG ELEM STRUCTU		C	;	3.000	6.0)			
	UG SENIOR DESIGN	PROPOSAL	В	1	1.000	3.00				
MAIR 243	UG CALCULUS III		В		4.000	12.0	00			
		Term Totals (Undergraduate	€)						
	Attempt Hours	Passed Hours	Earned Hours	PA Hours	Quality:	Points		GPA		
Current 1	Term: 16.000	16.000 16	110415		•			GI A		
Cumula		_ -			5.00		2.812			
			MMER 2010	5.000 4.	5.00		2.812			
College:	School of Engineering	ioini. 30	14114TF Z010							
Major:	Civil Engineering									
Subject Course Level			Grade Ci	redit House	0	na i e	_			
	INTRO TO THE AFRICAN DIASE	PORA C		redit Hours	Quality I	oints.	Sta	rt and End D	ates	R
PHIL 109 UG	INTRO TO LOGIC	A			.00		•			
			3.t Undergraduai		2.00					
	433 . 94		Farned							
	Attempt Hours	Passed Hours	Hours G	PA Hours	Quality F	oints		GPA		

O					•			•			
		urrent 7		6.000	6.000	6.000	6.000	18.00		3.000	
	(Cumula	tive:	34.000	22.000	22.000	22.000	63.00	•	2.863	
					Te	m: FALL 20	10			\$	
	Colleg	ge:	School of E	ngineering 🕝						+	
	Majo	r:	Civil Engin	eering				•			,
Subject	Cours	e Level	I	Title		Grade	Credit Hours	Onalid	ty Points	* Čene na 3 TO 3 TO 2	_
CEGR	309	UG	ENGINEERIN	IG GEOLOGY		В	3.000	9.00	y i onns	Start and End Dates	R
CEGR	311	UG		HANICS AND LAI	3.	A	4.000	16.00			
CEGR	454	UG		N ENGINEERING		В	3000	9.00			
CEGR	465	UG	TRAFFIC EN			A	3,000			•	
CEGR	491	UG	SENIOR PRO			C		12.00			
EEGR :	310	UG	PRIN OF ELE			A	2.000	4.00			
ENGL				UTING PROFICIE	NCV.		3.000	12.00			
	350			G ECONOMY	INC I	PS	0.000	0.00			
	001					В	3.000	9.00			
OI OII (001	00	SPEECH PRO	FICIENCY		PS	0.000	0.00			
					Term To	tals (Undergra	aduate)				
				Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality	y Points	GPA	
	Cu	irrent T	erm:	21.000	21.000	21.000	21.000	71.00		3.380	
	С	umulati	ve:	55.000	43.000	43.000	43.000	134.00		3.116	
					Ter	m: FALL 201	1			•	
C	College	: :	Graduate Sta	idies							
1	Major:		Engineering								
Subject C	Course	Level		Title		Grade	Credit Hours	Ouality	Points	Start and End Dates	R
CEGR 6	31	GR .	STRUCTURAL	L DYNAMICS		A	3.000	12.00		Citat and Did Disco	IX.
EEGR 5	05	GR .	ADV ENGR M	ATH/COMPUT M	ETH	A	3.000	12.00			
					Term	Totals (Gradu		12.00			
				Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality	Points	GPA	
	Cur	rrent Te	rm:	6.000	6.000	6.000	6.000	24.00		4.000	
	Cu	ımulativ	ve:	6.000	6.000	6.000		24.00		4.000	
					NSCRIPT TOTA					4.000	
			Attempt								
			Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points			GPA	
Total 1	Institut	tion:	6.000	6.000	6.000	6.000		4.000			
Total	Transi	fer:	0.000	0.000	0.000	0.000		0.000			
O	verall:		6.000	6.000	6.000	6.000		4.000			
					RIPT TOTALS			4.000 Гор-			
			Attempt Hours	Passed Hours	Earned Hours		Quality Points	<u> </u>		GPA	
Total-I	nstitut	ion: -	55:000	43:000	43.000	43.000		3.116	- · · ·		-
	Transf		132.000	0.000	132.000	0.000					
					<u> </u>	5.000	V.VV	0.000			

Overall:

187.000

43.000

175.000

43.000

134.00

3.116